

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		)
		)
	Shinya Kimoto	)
		)
Serial No.:	10/785,989	) Art Unit
		) 1745
Confirmation No.:	2645	)
		)
Filed:	February 26, 2004	)
		)
For:	COOLING DEVICE FOR BATTERY PACK	)
		)
Customer No.:	022913	)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, [Yoshiro HAYASHI], state that I am the [President] of Panasonic EV Energy Co., Ltd. and that I am authorized to execute this Revocation and Substitute Power of Attorney on behalf of Panasonic EV Energy Co., Ltd.

I further state that Panasonic EV Energy Co., Ltd. is the assignee of the entire interest of the U.S. patent applications and/or patents listed in Exhibit A, as shown by the assignments recorded in the U.S. Patent and Trademark Office at the Reel and Frame numbers identified in Exhibit A for said patent applications and/or patents. The patent applications and/or patents identified in Exhibit A include each of the patent cases (hereinafter the "above-identified patent application") in which this document is now being filed in the U.S. Patent & Trademark Office.

The assignee, Panasonic EV Energy Co., Ltd., hereby revokes all previous powers of attorney in the above-identified patent application, and now hereby appoints all attorneys under:

**CUSTOMER NUMBER: 022913**

of WORKMAN NYDEGGER as attorney with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence and telephonic communication should be directed to:

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at the address associated with the above-identified customer number.

This Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1) is effective for the above-identified patent application, and all patent applications and/or patents identified in Exhibit A, and I authorize the attorneys of WORKMAN NYDEGGER to file this document at the U.S. Patent & Trademark Office for all patent applications and/or patents identified in Exhibit A.

Signed this 14th day of July, 2006.

By: *Yoshiro Hayashi*  
[Yoshiro HAYASHI]

[President]

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[555, Sakaijuku, Kosai-shi, Shizuoka 431-0452 Japan]

## **EXHIBIT A**

### **Patent Applications and/or Patents Subject to Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1)**

A chain of title of the following U.S. Patent Applications and/or Patents to Panasonic EV Energy Co., Ltd. is recorded at the Reel and Frame numbers identified below.

<b>Workman Nydegger Ref. No.</b>	<b>Greenblum &amp; Bernstein Ref. No.</b>	<b>Application No. / Patent No.</b>	<b>Filing Date / Issue Date</b>	<b>Reel &amp; Frame Number of Assignment(s) Showing Chain of Title</b>
16169.26.1	P22953	10/287,642 6,903,534	05-Nov-02 07-Jun-05	Reel 013464, Frame 0343
16169.26.2	P22939	10/285,593 6,841,291	01-Nov-02 11-Jan-05	Reel 013451, Frame 0035
16169.26.3	P23031	10/303,894 6,762,590	26-Nov-02 13-Jul-04	Reel 013524, Frame 0429
16169.26.4	P23221	10/331,323 6,919,707	31-Dec-02 19-Jul-05	Reel 013635, Frame 0040
16169.26.5	P23213	10/330,117 6,828,798	30-Dec-02 07-Dec-04	Reel 013621, Frame 0133
16169.26.6	P25093	10/489,615 7,019,488	23-Mar-04 28-Mar-06	Reel 016094, Frame 0506
16169.26.7	P24978	10/785,989	26-Feb-04	Reel 015020, Frame 0930
16169.26.9	P25082	10/806,285 6,819,085	23-Mar-04 16-Nov-04	Reel 015130, Frame 0295
16169.26.10	P25121	10/816,836	5-Apr-04	Reel 015182, Frame 0937
16169.26.11	P29274	11/350,821	10-Feb-06	Reel 017556, Frame 0753
16169.26.12	P29757	11/400,210	10-Apr-06	Reel _____, Frame _____